## INTERNATIONAL SEARCH REPORT

International application No.

		PCT/JP2	2004/000265
A. CLASSIFIC Int.Cl	CATION OF SUBJECT MATTER C30B29/22, C01G29/00, C04B35 H01L27/04	/01, H01G4/12, H01B3/12	,
According to Int	ernational Patent Classification (IPC) or to both nation	al classification and IPC	
B. FIELDS SE			
Int.Cl <sup>7</sup>	H01L27/04	/01, H01G4/12, H01B3/12	
Jitsuyo Kokai J	itsuyo Shinan Koho 1971-2004 Ji	oroku Jitsuyo Shinan Koho itsuyo Shinan Toroku Koho	1994-2004 1996-2004
Electronic data b	ase consulted during the international search (name of LINE	data base and, where practicable, search te	rms used)
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.
X Y	L. NIBOU et al., Chemical Fak Thin Films, Journal of the Eu Society, 1999, Vol.19, pages Full text	ropean Ceramic	3,4,7-9 1,2,5,6, 10-24
<b>Y</b>	EP 877100 A1 (SHARP KABUSHIK 11 November, 1998 (11.11.98), Claims 1 to 7; page 1, lines lines 1 to 6 & JP 11-49600 A	,	1,2,5,6, 10-24
A	JP 8-253324 A (Sumitomo Meta 01 October, 1996 (01.10.96), (Family: none)	l Mining Co., Ltd.),	1-24
	cuments are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed  "E" later document published after the international filing date or p date and not in conflict with the application but cited to underst the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document of particular relevance invention cannot considered to involve an invention cannot considered to involve an invention cannot considered to in		tion but cited to understand evention laimed invention cannot be lered to involve an inventive laimed invention cannot be step when the document is documents, such combination art	
05 Apri	completion of the international search 1, 2004 (05.04.04)	Date of mailing of the international search 20 April, 2004 (20.	
	gaddress of the ISA/ se Patent Office	Authorized officer	

Telephone No.

Facsimile No.
Form PCT/ISA/210 (second sheet) (January 2004)

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/000265

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	JP 2002-321974 A (Toyota Central Research And Development Laboratories, Inc.), 08 November, 2002 (08.11.02), (Family: none)	